Response ID:723 Data

1. BOSC 2017 Nominations

Self Nomination:

Ex

Nominator Information

First Name

Exem

Last Name

Exem

Nominator Title

Exemption 6

Street Address

Exemption 6

Mobile Phone

Nominee Information

First Name

Annette

Last Name

Rohr

Nominee Title

Exemption 6

Exemption 6

[redacted]

[redacted]

[redacted]

Mobile Phone

Employment Information

Place of Employment/Work:

EPRI

Work Street Address

3420 Hillview Ave

Work City

Palo Alto

Work State:

California

Work Postal Code

94304

Work Phone Number

425-298-4374

Work Email Address

arohr@epri.com

Sector

Industry

Qualifications

Primary Area(s) of Expertise

Dr. Rohr's primary areas of expertise include environmental epidemiology, toxicology, human health exposure assessment, and human health risk assessment, with a focus on air pollution. She also has unique expertise related to the intersection of energy and human health, specifically the health impacts of current and emerging energy generation technologies.

Committee Preference(s)

Air, Climate, and Energy Subcommittee

Statement of Interest

Dr. Rohr is interested in serving on the Air, Climate, and Energy Subcommittee of the BOSC. She possesses demonstrated technical expertise, and a publication record, related to the health impacts of air pollution, as well as environmental health more broadly. In addition, her unique experience in the energy industry – specifically, evaluating health effects related to current and emerging energy technologies – provides her with valuable perspective for the ACE Subcommittee. Dr. Rohr's technical expertise, coupled with a program management role at EPRI that includes research portfolio development and strategic planning, makes her extremely well-suited to serve on the BOSC.

Skills/qualifications related to committee preference(s) specified

Dr. Rohr has more than 25 years of experience in environmental science, with 20 of those specifically in the air pollution health field. Her technical expertise related to the Air, Climate, and Energy Subcommittee includes air pollution epidemiology, in vitro and in vivo toxicology; air quality characterization; exposure assessment; indoor environmental quality; risk assessment of environmental contaminants, including polycyclic aromatic hydrocarbons (PAHs); and evaluation of potential health impacts of emerging energy technologies. She has served as program manager for air quality and health related research at EPRI

since 2008, and also previously managed an additional multidisciplinary program focused on the health and environmental impacts of future power generation technologies, including biomass combustion, oxyfuel combustion, and carbon capture and storage. Dr. Rohr's technical expertise related to air pollution and health, along with her energy perspective, make her uniquely qualified for the ACE Subcommittee. Dr. Rohr also has extensive experience with multi-year research strategy development and program management, providing her with valuable perspective for the BOSC.

Dr. Rohr has published more than 40 peer-reviewed scientific papers. She is active in several professional societies, including the International Society of Environmental Epidemiology and the Society of Toxicology, where she was Councilor for the Inhalation and Respiratory Specialty Section. She is an Associate Editor for the Journal of the Air and Waste Management Association and is on the Editorial Board of Indoor Air and the Journal of Clinical Toxicology; she is also a regular peer reviewer for multiple journals. Dr. Rohr served on the Scientific Advisory Committee for the Harvard-EPA Center for Particle Health Effects and on two EPA STAR grant panels.
Dr. Rohr received a bachelor's degree in microbiology and a master's degree in environmental engineering from the University of British Columbia and a doctorate in environmental health from the Harvard T.H. Chan School of Public Health. She is board-certified as a Diplomate of the American Board of Toxicology.

Other Relevant Information

CV/Resume URL

2. CV/Resume

Please upload your CV/ Resume.

Rohr_CV-June_2017.pdf

3.

BOSC Nomination

Jun 30, 2017 16:53:57 Success: Email Sent to: tracy.tom@epa.gov

4. Thank You for your Submission!

ANNETTE C. ROHR, ScD, DABT, MASc

Principal Project Manager, Air Quality and Health
Electric Power Research Institute
Exemption 6 [redacted]

•PROFESSIONAL EXPERIENCE•

Electric Power Research Institute (EPRI), Palo Alto, CA. 2001 to present
Principal Project Manager, Air Quality and Health (previously Principal Technical Leader, Senior Technical Leader, and Project Manager)

- Develops and manages research activities related to air pollution health effects in the Air Quality and Multimedia Sciences Program. Primary research areas include *in vitro* and *in vivo* toxicology of particulate matter (PM) and other air pollutants; health effects of trace metals, including chromium, arsenic, and mercury; air pollution epidemiology; air quality characterization; exposure assessment; indoor environmental quality; and evaluation of potential health impacts of emerging energy technologies such as biomass combustion, wind generation, and carbon capture and storage.
- Collaborates with other EPRI Energy and Environment programs on human health-related issues, including polycyclic aromatic hydrocarbons (PAHs), coal combustion byproducts, arsenic as it relates to ambient water quality, right-of-way issues, and wind turbine noise.
- Responsible for all aspects of project execution, including research planning, development, and design, preparation and issuance of RFPs, funding acquisition from utility members as well as non-traditional funders, contractor retention, contractor management, fiscal management, and presentation of results to stakeholders.
- Responsible for strategic, multi-year research planning related to air quality and health.
- Oversees four direct reports.
- Prepares competitive proposals for research funding.
- Participates in data collection, analysis, and interpretation, and preparation of manuscripts for the peer-reviewed literature.
- Coordinates multi-institution and multi-disciplinary research projects.
- Reviews and describes key studies in the air quality field.
- Prepares comments on air pollution regulations and Integrated Risk Information System (IRIS) toxicological assessments.
- Serves as a resource for utility funders and others.
- Interacts with funders, contractors, project external advisory committees, the regulatory community, and the public.

Selected Project Activities:

- ***Development of a Medicare Cohort for Use in Air Pollution Epidemiology:*** Managing joint Northeastern University/EPRI research involving the assembly of a large, national database for use in a number of long-term air pollution analyses, including those related to potential confounding, impact of specific PM components, and determination of the

shape of the concentration-response function. Oversees a multidisciplinary External Scientific Advisory Committee which provides guidance on the project.

- ***Evaluation of Air Pollution Benefits Assessment Tools:*** Managing portfolio of activities related to evaluation of methods currently employed to estimate the health benefits of air pollution regulations. Research includes evaluation of the current tool (BenMAP) and development of an integrated uncertainty assessment (IUA) tool to improve uncertainty analysis of health benefits. Several peer-reviewed papers have been published on these topics, with several more in development.
- ***Influence of PM on Pulmonary Deposition of VOCs and SVOCs:*** Managing joint University of Florida/EPRI toxicological research to understand whether or not the presence of elemental carbon enhances deposition of organic gases in the respiratory tract. Project is complex, with expertise required for particle generation, nose-only animal exposure, measurement of respiratory parameters during *in vivo* exposure, management and measurement of radiolabeled materials, tissue retrieval and processing, and exposure atmosphere monitoring.
- ***Toxicological Evaluation of Realistic Emissions of Source Aerosols***: Managed joint Harvard/EPRI research involving large-scale, multi-site field project to evaluate the toxicity of primary and secondary particles derived from coal-fired power plants. Co-funding was acquired via competitive DOE-NETL solicitation. Project generated eight manuscripts published in a special issue of *Inhalation Toxicology*. Served as co-author on four of the manuscripts. Oversaw multidisciplinary External Scientific Advisory Committee and secured and coordinated utility access to study locations.
- ***Children's Air Pollution Asthma Study***: Managing joint EPRI, Harvard, Columbia, and Mount Sinai School of Medicine research involving a panel study of asthmatic children in New York City. The objective of the study was to determine which air pollutants and PM components were associated with asthma exacerbation in this panel of high-risk children. Project generated four published papers; served as first author on one and co-author on the remaining three. One additional paper is in preparation. Oversees a multidisciplinary External Scientific Advisory Committee.
- ***Research on Hexavalent Chromium:*** Managing epidemiological study to extend and update an occupational cohort exposed to Cr(VI) in Painesville, OH. Managed toxicological research involving use of the Big Blue^{TM} transgenic rat model to determine mode of action of Cr(VI) in rat oral cavity and small intestinal tissue. Served as co-author on three manuscripts reporting on the projects. Launching systematic review and meta-analysis of Cr(VI) and stomach cancer; assembling multidisciplinary External Scientific Advisory Committee.
- ***Research on Inorganic Arsenic:*** Managing portfolio of toxicological and epidemiological research on arsenic, including gene expression studies *in vitro* and *in vivo*, development of cancer and non-cancer adverse outcome pathways, and evaluation of the literature related to neurobehavioral effects in children.
- ***Bi-City Concentrated Ambient Particle Study***: Managed joint EPRI, Michigan State University, and University of Michigan research involving field toxicology experiments in Detroit, MI and Steubenville, OH to ambient PM. The objective of the project was to

determine the PM components most associated with cardiovascular effects in rodents. The bulk of the funding was acquired via a competitive DOE-NETL solicitation. Project generated four published papers; served as first author on one and a key co-author on the remaining three.

- ***PAH/Naphthalene Risk Assessment:*** Manages ongoing activities in EPRI's Manufactured Gas Plant Site Management Program related to the toxicity of naphthalene, benzo(a)pyrene, and other PAHs. Prepared comments on the relative potency factor approach for PAHs and on the IRIS toxicological assessment for B(a)P.
- ***Wind Turbine-Related Noise***: Managed several projects related to this topic, including a field study in New York State funded via a competitive NYSERDA solicitation and a critical review of health effects/annoyance related to wind turbine noise. Oversaw two External Scientific Advisory Committees (Scientific and Utility).

Electric Power Research Institute (EPRI), Palo Alto, CA, 2008 to present
Program Manager, Air Quality Health and Risk Assessment

- Responsible for managing all activities within the Air Quality Health program, including program strategic direction, research development, internal and external communications, and budgets.

Electric Power Research Institute (EPRI), Palo Alto, CA, 2009 – 2014
Program Manager, Health and Environmental Impacts of Future Power Plant Emissions

- Program leader for multidisciplinary, cross-sector research initiative to investigate the possible health and environmental risks related to future power plant configurations, including integrated gasification combined cycle, carbon capture technologies, oxyfuel combustion, and emerging fuels such as biomass.
- Program included projection of future configurations (including utilization of EPRI models), programmatic risk assessment, emissions monitoring, ambient monitoring, laboratory toxicology, field toxicology, chemistry and thermodynamics studies, and occupational health and safety studies.
- Oversaw 6 EPRI project managers and interacted with multiple Generation Sector staff.
- Individually managed the toxicology research within the program, which focused on amines and their degradation products.
- Assembled and oversaw two External Advisory Committees (Scientific and Utility).

Harvard T.H. Chan School of Public Health, Boston, MA, 1997-2001
Department of Environmental Health
Research Associate/Doctoral Student

- Dissertation research entitled *Effects of Terpene/Ozone Reaction Products on the Murine Respiratory System*.
    - Developed steady-state exposure system to generate terpene oxidation products.
    - Utilized a number of inhalation toxicology methods, including whole-body and head-out plethysmography with concomitant pulmomary function evaluation (Buxco), and bronchoalveolar and nasal lavage.
    - Employed aerosol monitoring equipment, including a Scanning Mobility Particle Sizer (SMPS) and Aerodynamic Particle Sizer (APS).

- Portion of research was conducted at the Danish Institute of Occupational Health, Copenhagen.

Dames & Moore, Inc., Vancouver, Canada, 1994-1997
Project Manager/Environmental Scientist

- Project Manager for human health and ecological risk assessments, Phase I and II environmental site assessments (ESAs), and site remediation projects.
- Oversaw field staff.
- Extensive experience with all aspects of contaminated site assessment and management, including investigative procedures, analytical program design, remedial options, risk management, and regulatory matters.

•EDUCATION AND PROFESSIONAL CERTIFICATIONS•

Doctor of Science, **Harvard T.H. Chan School of Public Health**, Boston, MA, Environmental Health, 2001
Master of Applied Science, **University of British Columbia**, Vancouver, Canada, Environmental Engineering, 1994
Bachelor of Science, **University of British Columbia**, Vancouver, Canada, Microbiology, 1991 (First Class Honors)
Diplomate of the American Board of Toxicology (DABT), Certified November 2006, recertified 2011, 2016

•AWARDS AND HONORS•

EPRI Chauncey Award Winner, 2003, 2005, and 2010:

- 2010: Team award for "Leadership in Understanding the Impact of Power Plants on Air Quality Components of Particulate Matter and their Health Effects"
- 2006: Individual award for "Development of a First-Class Toxicology Research Program at EPRI Aimed at Understanding How Coal-Fired Power Plant Emissions Affect Health"
- 2003: Team award for "Advances in Air Quality and Health: The Aerosol Research and Inhalation Toxicology Study"

Natural Sciences and Engineering Research Council of Canada Postgraduate Scholarship "B", 1997
Natural Sciences and Engineering Research Council of Canada Postgraduate Scholarship "A", 1991
University of British Columbia Graduate Fellowship Supplement, 1991
Technical and Research Committee on Reclamation, Jake McDonald Scholarship, 1991
University of British Columbia Scholarship, 1989
Jane A. and Charles C. Banks Foundation Scholarship, 1988
British Columbia Provincial Scholarship, 1987

•PROFESSIONAL SERVICE•

Associate Editor, *Journal of the Air and Waste Management Association*, 2015 – present
EPA STAR grant reviewer for Graduate Fellowships (Green Engineering/Building/Chemistry/Materials), 2010
Member of Scientific Advisory Board for the Harvard-EPA Center for Particle Health Effects, (2005-2010)

Councilor, Inhalation and Respiratory Toxicology Specialty Section, Society of Toxicology (2008-2009)
EPA STAR grant reviewer for Particulate Matter Research Center grants, 2005
Member, Editorial Board, *Indoor Air*
Member, Editorial Board, *Journal of Clinical Toxicology*
Member of International Scientific Committee, Indoor Air 2005, Beijing, China
Peer reviewer for *Atmospheric Environment, Indoor Air, Inhalation Toxicology, Journal of the Air & Waste Management Association, Environmental Science & Technology, Environmental Health Perspectives*, *Toxicology Letters*, *Critical Reviews in Toxicology*, *Toxicological Sciences, Building and Environment, Science of the Total Environment*

•PROFESSIONAL SOCIETY MEMBERSHIPS•

Full Member, Society of Toxicology
Member, International Society for Environmental Epidemiology
Member, International Society of Indoor Air Quality
Member, Air and Waste Management Association

•PUBLICATIONS•

Proctor, D.M., Suh, M., Mittal, L., Hirsch, S., Saldago, R.V., Bartlett, C., Van Landingham, C., **Rohr, A.C.**, Crump, K. 2016. Inhalation cancer risk assessment of hexavalent chromium based on updated mortality for Painesville chromate production workers. *J. Expos. Sci. Environ. Epidem.* 26(2):224-233.

Rohr, A.C., McDonald, J.D. 2015. Health effects of carbon-containing particulate matter: focus on sources and recent research program results. Epub ahead of print, *Crit. Rev. Toxicol.* doi: 10.3109/10408444.2015.1107024.

Schachter, E.N., Moshier, E., Habre, R., **Rohr, A**., Godbold, J., Nath, A., Grunin, A., Coull, B., Koutrakis, P., Kattan, M. 2015. Outdoor air pollution and health effects in urban children with moderate to severe asthma. Epub ahead of print, *Air Qual. Atmos. Health*; doi 10.1007/s11869-015-0335-6.

Young, R.R., Thompson, C.M., Dinesdurage, H., Elbeka, R.H., Suh, M., **Rohr, A.C.**, Proctor, D.M. 2015. A robust method for assessing chemically induced mutagenic effects in the oral cavity of transgenic Big Blue® Rats. *Environ. Mol. Mutagen* 56(7):629-636.

Thompson, C.M., Young, R.R., Suh, M., Dinesdurage, H., Elbekai, R.H., Harris, M.A., **Rohr, A.C.**, Proctor, D.M. 2015. Assessment of the mutagenic potential of Cr(VI) in the oral mucosa of Big Blue® transgenic F344 rats. *Environ. Mol. Mutagen* 56(7):621-628.

Rohr, A.C., Campleman S.L., Long C.M., Peterson M.K., Weatherstone S., Quick W., Lewis A. 2015. Potential occupational exposures and health risks associated with biomass-based power generation. *Int. J. Environ. Res. Pub. Health* 12:8542-8605.

Wyzga, R.E., **Rohr, A.C.** 2015. Long-term particulate matter exposure: attributing health effects to individual PM components. *J. Air Waste Manage. Assoc*. 65:523-543.

Sinclair, A.H., Melly, S., Tolsma, D., Spengler, J., Perkins, L., **Rohr, A.C.**, Wyzga, R. 2014. Childhood asthma acute primary care visits, traffic, and traffic-related pollutants. *J. Air Waste Manage. Assoc*. 64(5):561-7.

McDonald, J.D., Kracko, D., Doyle-Eisele, M., Garner, C.E., Wegerski, C., Senft, A., Knipping, E., Shaw, S., **Rohr, A**. 2014. Carbon capture and sequestration: an exploratory inhalation toxicity assessment of amine-trapping solvents and their degradation products. *Environ. Sci. Technol.* 48(18):10821-8.

Magari, S.R., Smith, C.E., Schiff, M.T., **Rohr, A.C**. 2014. Evaluation of community response to wind turbine-related noise in western New York State. *Noise Health* 16(71):228-39.

Wagner, J.G., Kamal, A.S., Morishita, M., Dvonch, J.T., Harkema, J.R., **Rohr, A.C.** 2014. $PM_{2.5}$-induced cardiovascular dysregulation in rats is associated with elemental carbon and temperature-resolved carbon subfractions. *Part. Fibre Toxicol.* 11:25.

Habre, R., Moshier, E., Castro, W., Nath, A., Grunin, A., **Rohr, A**., Godbold, J., Schachter, N., Kattan, M., Coull, B., Koutrakis, P. 2014. The effects of $PM_{2.5}$ of outdoor and indoor origin and ozone on cough and wheeze symptoms in asthmatic children. *J. Expos. Sci. Environ. Epidem.* 24(4):380-7.

Habre, R., Coull, B., Moshier, E., Godbold, J., Grunin, A., Nath, A., Castro, W., Schachter, N., **Rohr, A**., Kattan, M., Spengler, J., Koutrakis, P. 2014. Sources of indoor air pollution in New York City residences of asthmatic children. *J. Expos. Sci. Environ. Epidemiol.* 24(3):269-78.

Rohr, A., Habre, R., Godbold, J., Moshier, E., Schachter, N., Kattan, M., Grunin, A., Nath, A., Coull, B., Koutrakis, P. 2014. Asthma exacerbation is associated with particulate matter source factors in children in New York City. *Air Qual. Atmos. Health*, doi:10.1007/s11869-013-0230-y.

Rohr, A.C. The health significance of gas- and particle-phase terpene oxidation products: a review. 2013. *Environ. Int.* 60:145-162.

Schiff, M.T., Magari, S.R., Smith, C.E., **Rohr, A.C**. 2013. Evaluation of wind turbine-related noise in western New York State. *Noise Cont. Eng. J.* 61(5):509-519.

Lund, A.K., Doyle-Eisele, M., Lin, Y.H., Arashiro, M., Surratt, J.D., Holmes, T., Schilling, K.A., Seinfeld, J.H., **Rohr, A.C**., Knipping, E.M., McDonald, J.D. 2013. The effects of α-pinene versus toluene-derived secondary organic aerosol exposure on the expression of markers associated with vascular disease. *Inhal. Toxicol.* 25:309-324.

McDonald, J.D., Doyle-Eisele, M., Kracko, D., Lund, A., Surratt, J.D., Hersey, S.P., Seinfeld, J.H., **Rohr, A.C.**, Knipping, E.M. 2012. Cardiopulmonary response to inhalation of secondary organic aerosol derived from gas-phase oxidation of toluene. *Inhal. Toxicol.* 24:689-697.

Rohr, A.C. and Wyzga, R.E. 2012. Attributing health effects to individual particulate matter constituents. *Atmos. Environ.* 62:130-152.

Rohr, A.C. and Wyzga, R.E. 2012. Regulating fine particles: developing a new paradigm for managing fine particulate air pollution. *Public Utilities Fortnightly*, February 2012.

Godleski, J.J., **Rohr, A.C.**, Kang, C-M., Diaz, E.A., Ruiz, P.A., Koutrakis, P. 2011. Toxicological Evaluation of Realistic Emission Source Aerosols (TERESA): introduction and overview. *Inhal. Toxicol.* 23(S2):1–10.

Kang, C-M., Gupta, T., Ruiz, P.A., Wolfson, J.M., Ferguson, S.T., Lawrence, J.E., **Rohr, A.C.**, Godleski, J., and Koutrakis, P. Aged particles from emissions of coal-fired power plants: the TERESA field results. *Inhal. Toxicol*. 23(S2):11–30.

Diaz, E.A., Lemos, M., Coull, B., Long, M.S., **Rohr, A.C**., Ruiz, P., Gupta, T., Kang, C-M., Godleski, J.J. Toxicological Evaluation of Realistic Emission Source Aerosols (TERESA) - power plant studies: assessment of breathing pattern. *Inhal. Toxicol*. 23(S2):42-59.

Godleski, J.J., **Rohr, A.C**., Coull, B.A., Kang, C.M., Diaz, E.A., Koutrakis, P. 2011. Toxicological evaluation of realistic emission source aerosols (TERESA): summary and conclusions. *Inhal. Toxicol.* 23(S2): 95–103.

Morishita, M., Keeler, G.J., Kamal, A.S., Wagner, J.G., Harkema, J.R., **Rohr, A.C.** 2011. Source identification of ambient $PM_{2.5}$ for inhalation exposure studies in Steubenville, Ohio using highly time-resolved measurements. *Atmos. Environ*. 45:7688-7697.

Kamal, A.S., **Rohr, A.C.**, Mukherjee, B., Morishita, M., Keeler, G.J., Harkema, J.R., Wagner, J.G. 2011. $PM_{2.5}$-induced changes in cardiac function of hypertensive rats depend on wind direction and specific sources in Steubenville, Ohio. *Inhal. Toxicol.* 23(7):417–430.

Morishita, M., Keeler, G.J., Kamal, A.S., Wagner, J.G., Harkema, J.R. **Rohr, A.C**. 2011. Identification of ambient $PM_{2.5}$ sources and analysis of pollution episodes in Detroit, Michigan using highly time-resolved measurements. *Atmos. Environ*. 45:1627-1637.

Rohr, A.C., Kamal, A., Morishita M., Mukherjee, B., Keeler, G.J., Harkema, J.R., Wagner, J.G. 2011. Altered heart rate variability in spontaneously hypertensive rats is associated with specific particulate matter components in Detroit, Michigan. *Environ Health Perspect*. 119(4):474-80.

Rohr, A.C., Wagner, J.G., Morishita, M., Kamal, A., Keeler, G.J., and Harkema, J.R. 2010. Cardiopulmonary and systemic changes in spontaneously hypertensive and Wistar-Kyoto rats exposed to concentrated ambient particles from Detroit, MI. *Inhal. Toxicol*. 22(6):522-33.

McDonald, J.D., Doyle-Eisele, M., Campen, M.J., Seagrave, J.C., Holmes, T., Lund, A., Surratt, J., Seinfeld, J.H., **Rohr, A.C.,** Knipping, E.M. 2010. Cardiopulmonary response to inhalation of biogenic secondary organic aerosol. *Inhal. Toxicol*. 22(3):252-265.

Campen, M.J., Lund, A.K., Doyle-Eisele, M., McDonald, J.D., Knuckles, T.L., **Rohr, A.C.**, Knipping, E.M., Mauderly, J.L. 2010. A comparison of vascular effects from complex and individual air pollutants indicates a role for monoxide gases and volatile hydrocarbons. *Environ. Health Perspect.* 118(7):921-7.

Mantecca, P., Farina, F., Moschini, E., Gallinotti, D., Gualtieri, M., **Rohr, A.**, Sancini, G., Palestini, P., Camatini, M. 2010. Comparative acute lung inflammation induced by atmospheric PM and size-fractionated tire particles. *Toxicol. Lett*. 198:244-254.

Wyzga, R.E., **Rohr, A.C.** 2010. Air pollution: what does the future hold? *AWMA EM*, September 2010.

Mantecca, P., Sancini, G., Moschini, E., Farina, F., Gualtieri, M., **Rohr, A.C,** Miserocchi, G., Palestini, P, Camatini, M. 2009. Lung toxicity induced by intratracheal instillation of size-fractionated tire particles. *Toxicol. Lett.* 189:206-214.

Seagrave, J.C., Campen, M., McDonald, J.D., Mauderly, J.L., and **Rohr, A.C.** 2008. Oxidative stress, inflammation, and pulmonary function assessment in rats exposed to laboratory-generated pollutant mixtures. *J. Toxicol. Environ. Health A.* 71:1352-62.

Ruiz, P.A., Gupta, T., Kang, C.M., Lawrence, J.E., Ferguson, S.T., Wolfson, J.M., **Rohr, A.C**., and Koutrakis, P. 2007. Development of an exposure system for the toxicological evaluation of particles derived from coal-fired power plants. *Inhal Toxicol*. 19(8):607-19.

Rohr, A.C. 2006. Indoor Particulate Matter: Sources and Health Effects. *ASHRAE IAQ Applications* 7(3):15-16.

Rohr, A.C. 2005. Indoor Air Quality in Green Buildings. *ASHRAE IAQ Applications* 6(2):21-22.

Rohr, A.C. and Wyzga, R.E. 2004. ARIES: Introduction and Overview. *Epidemiology* 15(4): S42-S43.

Rohr, A.C. 2004. Household Products May Cause SBS Symptoms. *ASHRAE IAQ Applications* 5(2):18-19.

Rohr, A.C., Shore, S.A., and Spengler, J.D. 2003. Repeated exposure to terpene oxidation products causes enhanced respiratory tract effects in multiple murine strains. *Inhal. Toxicol.* 15(12):1191-1197.

Rohr, A.C., Weschler, C.J., Koutrakis, P., and Spengler, J.D. 2003. Generation and quantification of ultrafine particles through terpene/ozone reaction in a chamber setting. *Aerosol Sci. Tech.* 37(1): 65-78.

Rohr, A.C., Wilkins, C.K., Clausen, P.A., Hammer, M., Nielsen, G.D., Spengler, J.D., and Wolkoff, P. 2002. Upper airway and pulmonary effects of oxidation products of (+)-α-pinene, *d*-limonene, and isoprene in BALB/c mice. *Inhal. Toxicol.* 14(7):663-684.

Rohr, A.C. 2001. Effects of Terpene/Ozone Reaction Products on the Murine Respiratory System. Doctor of Science Dissertation, Harvard School of Public Health, Boston, MA.

Rohr, A.C. 2000. Methods for Assessing Irritation Effects in IAQ Field and Laboratory Studies, in Spengler, J.D., Samet, J.M., and McCarthy, J.F., editors. Indoor Air Quality Handbook. McGraw-Hill, Inc., New York, NY.

Spengler, J.D. and **Rohr, A.C.** 1998. Multiple Chemical Sensitivity Reexamined. *Chemical and Engineering News* 76 (38): 105-106.

Rohr, A.C., Hall, E.R., and Hall, K.J. 1995. Use of semipermeable membrane devices for monitoring pulp mill effluents: a preliminary assessment. *Water Quality Research Journal of Canada*: 31(1): 85-100.

Rohr, A.C. 1994. Application of Semipermeable Membrane Devices to the Monitoring of Kraft Mill Effluents with Emphasis on Potential Fish Tainting Compounds. Master of Applied Science Thesis, University of British Columbia, Vancouver, B.C.